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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,945	03/10/2004	Jhon Jhy Liaw	67,200-1253	4848
7:	590 11/09/2004		EXAM	INER
TUNG & ASSOCIATES			VU, QUANG D	
Suite 120 838 W. Long Lake Road			ART UNIT	PAPER NUMBER
Bloomfield Hills, MI 48302			2811	

DATE MAILED: 11/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

		M_{I}
	Application No.	Applicant(s)
	10/797,945	LIAW, JHON JHY
Office Action Summary	Examiner	Art Unit
	Quang D Vu	2811
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the o	correspondence address
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be till within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	mely filed ys will be considered timely. the mailing date of this communication. ED (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) filed on		
	action is non-final.	
3) Since this application is in condition for allowar closed in accordance with the practice under E		
Disposition of Claims		
 4) Claim(s) 1-37 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-37 are subject to restriction and/or example. 	vn from consideration.	
Application Papers		
9) The specification is objected to by the Examine	r.	
10) The drawing(s) filed on is/are: a) acce	epted or b) objected to by the	Examiner.
Applicant may not request that any objection to the		• •
Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Ex		
Priority under 35 U.S.C. § 119	•	
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list of	s have been received. s have been received in Applicati ity documents have been receive (PCT Rule 17.2(a)).	ion No ed in this National Stage
Attachment(s)		
Notice of References Cited (PTO-892)	4) Interview Summary Paper No(s)/Mail D	
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date		ate Patent Application (PTO-152)

Application/Control Number: 10/797,945

Art Unit: 2811

DETAILED ACTION

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-17, drawn to a method for forming shallow contact interconnect structure, classified in class 257, subclass 774.
- II. Claims 18-37, drawn to a contact interconnect structure, classified in class 438, subclass 629.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the group II invention could be made by a material different process. For example, selectively forming a first set of dielectric layers into spaced parts to form a first set of openings, instead of forming a first set of dielectric layers to form a first thickness for etching a first set of openings.

Because these inventions are distinct for the reasons give above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

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Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang D Vu whose telephone number is 571-272-1667. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eddie Lee can be reached on 571-272-1732. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

qv November 2, 2004

EDDIE LEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800